AUTODOC CLUB

How to change rear wheel bearing on **VW Golf 3** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
VW Beetle 1200 1.2, VW Beetle 1300 1.3, VW Beetle 1500 1.5, VW Kaefer Convertible (15) 1302,1303 1.6, VW Beetle 1500 1.6, VW Beetle 1302 1.6, VW Kaefer Convertible (15) 1500 1.5, VW Polo I Hatchback (86) 0.9, VW Polo I Hatchback (86) 1.1, VW Polo I Hatchback (86) 1.3, VW Derby I (86) 0.9, VW Derby I (86) 1.1, VW Derby I (86) 1.3, VW Polo II Hatchback (86C, 80) 1.0, VW Polo II Hatchback (86C, 80) 1.1, (+ 239)

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – VW GOLF 3. TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Multipurpose grease
- Copper grease
- Torque wrench
- Drive socket # 24
- Wheel impact socket #17
- Bush and bearing driver set
- Pin punch
- Tap wrench
- Hammer
- Rubber mallet
- Flat Screwdriver
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: wheel bearing – VW Golf 3. AUTODOC recommends:

- Do not re-use the bearing assembly of your VW Golf 3 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – VW GOLF 3. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.



4 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Golf 3

5 Remove the wheel.



6 Remove the wheel hub nut cap. Use a crowbar. Use a hammer.



7 Remove the cotter pin securing the hub nut. Use a crowbar.



8 Unscrew the hub nut. Use a drive socket #24. Use a tap wrench.



9 Remove the brake drum assembled with the wheel hub bearing. Use a flat screwdriver.



Replacement: wheel bearing – VW Golf 3. Tip:

- Examine the brake drum. Replace it if necessary.

10 Remove the wheel hub bearing retaining ring. Use a crowbar.



11 Remove the hub bearing mounting. Use a crowbar.



12

Remove the inner race of the wheel bearing from the brake drum. Use a pin punch. Use a hammer.



13

Install the new inner race of the wheel bearing into the brake drum. Use a bush and bearing driver set. Use a hammer.



14

Treat the inner race and the wheel bearing. Use a multipurpose grease.



15

Install a new hub bearing and secure it.



16 Install the wheel hub bearing retaining ring. Use a bush and bearing driver set. Use a hammer.



17 Clean the stub axle. Use all-purpose cleaning spray. Use WD-40 spray.



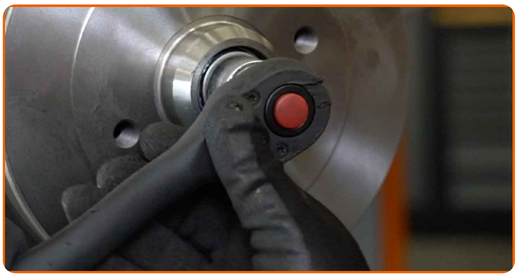
18 Install the brake drum assembled with the wheel hub bearing.



19 Apply special grease to the bearing assembly mounting seat. Use a multipurpose grease.



20 Tighten the wheel hub nut. Use a drive socket #24. Use a ratchet wrench.



21 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Golf 3

22 Screw in the wheel bolts. Use wheel impact socket #17.



Replacement: wheel bearing – VW Golf 3. Professionals recommend:

- Align the brake drum.

23 Loosen the wheel mounting bolts. Use wheel impact socket #17.



24 Raise the rear of the car and secure on supports.

25 Unscrew the wheel bolts.

AUTODOC recommends:

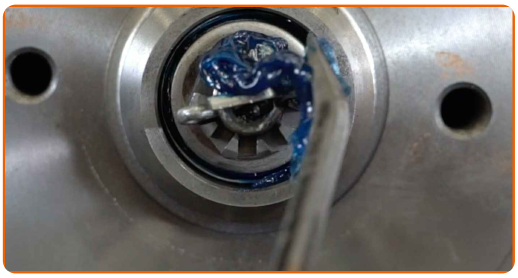
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Golf 3

26 Remove the wheel.

27 Install a new hub nut cotter pin.



28 Treat the wheel hub nut. Use a multipurpose grease.



29 Install the cap of the hub nut. Use a rubber mallet.



30 Clean the wheel rim mounting seat. Use a wire brush.



31 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



32 Install the wheel.



33 Screw in the wheel bolts. Use wheel impact socket #17.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Golf 3

34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.



35 Remove the jacks and chocks.



WELL DONE!

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